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men is rare. I can recall only one man who had a hairy chest. There is nothing unusual about the eyebrows.

The Karen seem to be susceptible to all the diseases prevalent in the country. Children are seen more often than not with distended bowels, due to worms. Enlarged spleen is the rule in the hills, where malaria is so prevalent. A number of cases in which a low vitality has caused ulcers to break out and involve the entire system have come under my notice. Epidemics of measles are much feared, due to complications induced by bathing soon after the rash has disappeared, the bathing being thought necessary. Smallpox does not cause much apprehension. The bubonic plague has never claimed many Karen victims, but the influenza was terribly fatal during the cool season of 1918-19. Tuberculosis is one of the many diseases from the West that is claiming its victims among the Karen people. Though their open-air life safeguards them somewhat, their fear of demons causes them to cover their heads at night, and they breathe only through their blankets. Those who live in the better built houses on the plains also deprive themselves of fresh air by retiring into the close inner room of their homes in order to avoid the smell of cooking, which they fear. Such superstitious practices furnish ideal breeding-places for germs. The unbalanced diet of the Karen also restricts their disease-resisting powers. One hopes that, with improved ideas on sanitation and hygiene, the people of this race will not only be relieved from the present high rate of infant mortality, but also that those surviving may attain greater longevity.

The presence of certain birth-marks on the children of Mongolian parents has been thought by some scientists to be an important criterion for distinguishing members of that race.[1] The Karen infants certainly have these blue patches on the back and buttocks. Sometimes they are so indistinct as to be hardly noticeable, and again they are clear and bright. They are irregular in shape and size. My observations confirm the accuracy of the census returns, namely, that about seven out of ten children have these marks at birth. They usually disappear by the time a child is a year old. The Karen explanation for them is that they are the stains of leaves, on which the spirits of the children sat or laid down to rest in the course of their long and wearisome journey from their former abode. These marks are thought to show that the children having

[1] *The Indian Imperial Census, 1911, Burma, Pt. I, 231-234.*

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them will be strong, and mothers are glad to see them on their offspring. Perhaps they reason that if the baby spirit was able to stand the long journey necessary to come to the birth, it will endure the longer journey of this human existence.

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I have noticed a few cases of homosexuals among the Karen, though they do not seem to be as common as among the Burmese. These individuals, who assume more or less the dress and customs of the opposite sex, have been known to contract unions with others of the same sex and live as husband and wife. The cases I found have all been on the plains.

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flying about a light people say: "Let the "k' las" of beasts and other creatures fall into the flame, but let the 'k' las' of men fly carefully and save themselves."

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Inanimate objects have their "k' las," as well as the lower creatures. Ownership in such possessions is duly observed by killing the pigs and fowls of a woman when she dies. The remains are thrown away or given to foreigners, who do not share the superstitions of the Karen. The paddy-cleaning implements and clothing of the deceased are either burned or buried with the corpse, unless they are laid on top of her grave. In like manner the oxen belonging to a man who has died are killed and disposed of, while his personal effects are burned or put in the grave with him. Otherwise, the owner's "k' la" might return to the village for his property and thereby bring calamity on the inhabitants.

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The idea seems to prevail among the Karen that the "k' las" enter and leave their bodies through the fontanel on the top of the head. In case a child falls and cries the mother will blow on this spot, in order to keep the life principle from escaping. However, the customary method of preventing the escape of the "k' la" is to tie a string around the wrists, either one or both of them, after fanning up the arms to blow the "k' la" back. Anybody may perform this act, but the services of elders or necromancers ("wi") are preferred.

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Another conception of the "k' la," quite distinct from that set forth above, is that it is a seven-fold spirit inhabiting the body, whose death it is constantly striving to accomplish through one or another of seven methods, namely, insanity, licentiousness, epilepsy, oppression, diseases, accidents, and injury by wild beasts. Even from the birth of a person the seven-fold "k' la" accepts the responsibility of causing his or her death and is engaged in constant struggle with that person's "so" (personality or character) for the mastery. As long as the "so" is strong, it serves as the individual's guardian angel; and he remains immune both from the attacks of the seven-fold "k' la" and from the magic arts of witches and necromancers. However powerful the charm that may be employed against him, his dominating "so" will ward it off; but if his "so" should become weak, he will soon lose his immunity.[15]

[15] See Dr. J. Wade's account in *The Karen Thesaurus*, new ed., Vol. I, pp. 488, ff.

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774 792 755 he got a satisfactory divination, placed some rice, cooked chicken, and liquor on a tray and drew it along the floor of the house to the top of the ladder at the entrance. He then ran a string from the tray down the ladder to the ground for the old woman's "k' la" or shade to come up on. The "k' la" did not return because, as the witch-doctor explained, it was held captive in a betel-box by some one. Thereupon, he asked for seven cubits of white cloth, wound it about himself, and lay down to sleep with a "dah" (large knife) and an axe on either side of him. With the shades of these tools in hand his "k' la" was to go and release the shade or spirit of the grandmother. On awaking, the witch-doctor reported that he had had a hard struggle and been shot at by the man who was restraining the old woman's spirit from returning, but that he had succeeded in releasing it. When the doctor unwrapped himself, so the granddaughter of the patient told me, the cloth was riddled with what appeared to be shot holes. The string on the ladder was broken, showing conclusively that the "k' la" had returned at last. A piece of this string was now tied around the patient's wrist to prevent her spirit from again escaping. Needless to say, the old woman recovered her health.

784 789 A ceremony is sometimes observed among the Karen to keep the "k' la" of a deceased person from aimlessly wandering about and to beguile it into remaining with the corpse, until it shall depart to the king of spirits. In this ceremony the coffined body is placed in the center of the floor. A slender rod of bamboo is inserted in a hole in the coffin lid, a thread reaching from the tip of the bamboo to the floor. This thread has small tufts of cotton and bits of charcoal tied to it in alternate order throughout its length. Under the loose end of the thread a small cup containing a hard-boiled egg is placed. A silver or brass ring hangs at the end of the thread just over the cup. In case the thread is drawn downward with some force so that it vibrates or breaks, the "k' la" is supposed to have returned from its wanderings, otherwise not. Colonel MacMahon relates that he watched an experiment of this kind, but that when he required everybody to go a considerable distance from the cup, nothing happened.[8]

826 828 Among the Karen and Burmese the abdomen is held to be the seat of the passions and the diseases, varying moods and bodily

[8] A similar ceremony is gone through at noon of the last day of the funeral rites. See *ante*, p. 237: Col. A. R. MacMahon, *The Karens of the Golden Chersonese*, p. 188; Cross, in the *Journal, American Oriental Society*, Vol. I.

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conditions being attributed to the presence of wind ("k'li"), fire ("me"), or water ("paw leh"). The elders assert that fifteen hundred cavities in the abdomen contain wind, twelve contain fire, and one contains water. The prevalence of wind over the other elements produces pride, ambition, avarice, evil desires, and hilarity. When fire is in the ascendancy, one is incited to envy, malice, hatred, and revenge. When water predominates, issuing from its single cavity, it disseminates peace, love, kindness, patience, quietness, and other allied virtues. The various qualities are intermingled in one's character in proportion to the mingling of the several elements.[9]

Many of the charms worn by both the Karen and the Burmese are intended to prevent wind from gaining the ascendency in the abdomen. Among such charms are strings of dried berries of certain plants, strings of coins that have been blown upon, and knotted cords that have been put on the wearer by elders or prophets.

Something remains to be said about the "k' thi thras" or "medicine-teachers," who compound drugs from various roots and herbs with which they practice a sort of medical lore, in addition to their occult rites. There is no doubt but that they understand the medicinal action of certain plants. They will often point out a particular tree with the remark that its leaves are good for fever or some other ailment. On my request for some prescriptions a Karen doctor gave me a hundred of them. Dr. Wade has collected over forty pages of medical formulae of various kinds, among them many of real value. Dr. Mason mentions the name of a small creeping plant *(Hydrocotyle asiatica)* which, if applied as a poultice in time, will arrest, if it does not cure, leprosy.[10] How many of these Karen prescriptions are of Burmese, Shan, or Talign origin I am unable to say. I have been told several times that the Karen who still remain in their primitive condition, depend wholly on magic and offerings to cure sickness. My observation leads me to believe that the use of medicine increases, as the people come more and more into contact with other races.

The Karen believe that smells have a marked effect on the body, both for good and for ill. There is hardly anything that a Karen or, indeed, a Burman fears so much as he does the smell of cooking fat ("ta neu xo"). They believe that the odor somehow enters the body, especially if there is an abrasion of the skin,

[9] *The Karen Thesaurus*, new ed., Vol. I, p. 560.
[10] Dr. F. Mason, *British Burma, Its People and Productions*, pp. 501, ff.